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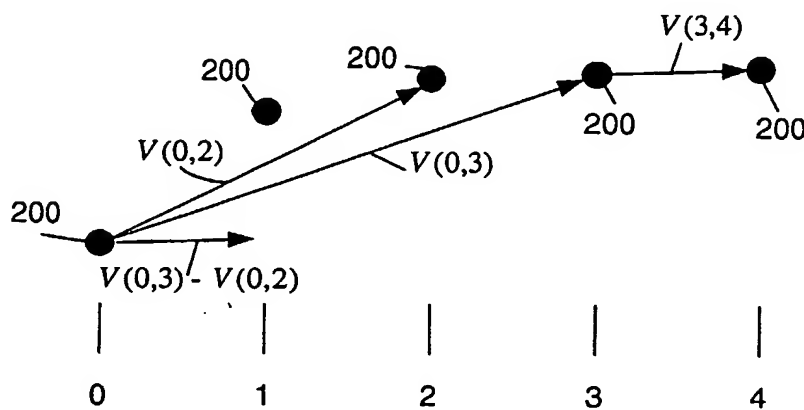
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(54) Title: **UNIT FOR AND METHOD OF ESTIMATING A CURRENT MOTION VECTOR**



(57) Abstract: A motion estimation unit (500) for estimating a current motion vector comprises a match error unit (506) for calculating match errors of respective candidate motion vectors and a selector (508) for selecting the current motion vector from the candidate motion vectors by means of comparing the match errors of the respective candidate motion vectors. Some of the candidate motion vectors are extracted from a set of previously estimated motion vectors. Other candidate motion vectors are calculated based on multiple motion vectors which are selected from the set of previously estimated motion vectors.